

# AQUACULTURE DISTANCE EDUCATION PROGRAMME

Division of Aquaculture, Faculty of AgricSciences, University of Stellenbosch,  
Private Bag X1, MATIELAND, 7602, R.S.A.



## Introduction

Aquaculture development in Southern Africa is hampered by a lack of skilled manpower. Local opportunities for training in aquaculture (i.e. certificate, diploma, degree, etc.) are limited. Since 2001 the University of Stellenbosch has presented an Aquaculture Education Programme in a Distance Education format.

## Course Fees, Structure and Content

The Aquaculture Courses available are structured as set out below:

### Certificate Course (9 months)

Entry requirements:	Grade 12 or equivalent
Fees:	R7 600.00 (Includes all study material)
Examination fee:	R 900.00 for June and November (Re-writes: R450.00 per exam)
Total course fee:	R8 500.00

The course content will be divided into the following sections:

- 1. Applied Biology of Aquaculture Species**  
Species: Trout, Carp, Tilapia, Catfish, Abalone  
Physiological Systems and Applied Biology  
Respiratory and Recirculatory systems; Digestive and Endocrine systems;  
Nerve, Skeletal and muscle systems
- 2. Nutrition and Feeding of Aquaculture Species**  
Nutritional requirements; live feeds; Formulation and manufacturing of artificial feed; Feed management: Application and Monitoring
- 3. Water Ecology: Monitoring and Management**  
Water quality parameters  
Monitoring and Management of water quality
- 4. Production Systems: Design and Management**  
Site selection & System design; Pond management
- 5. Processing and Product Development**  
Processing, storage & Quality control  
Product development
- 6. Fish disease and Fish Health Management**  
Disease recognition and identification; Disease treatment and prevention;  
Common diseases of fish and shellfish

## Presentation

The course is presented in English through the use of multimedia, which includes: printed course material; study guides; access to websites; video material and interactive television. Examinations and task may also be submitted in Afrikaans.

**PLEASE INCLUDE A COPY OF YOUR ID WITH THE APPLICATION FORM.**

**Closing date for applications: 31 st January**

Enquiries: Division for Distance Education  
Private Bag X1  
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Tel.: +27 (21) 808 2953  
Fax: +27 (21) 887 5209  
E-mail: [telemati@sun.ac.za](mailto:telemati@sun.ac.za)  
<http://www.sun.ac.za/distanceeducation>

Division of Aquaculture:  
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## Application for Aquaculture Distance Education Programme

### CERTIFICATE COURSE

**Surname** ..... **Title** .....

**Full names** .....

**Highest qualification** ..... **Year** .....

**Institution** .....

**Subjects & Grades** .....

.....

.....

**ID number** .....

**Occupation** .....

**Postal address** .....

.....

..... **Code** .....

**Courier Address:** .....

(Deliveries must be signed.....

for during office hours.) ..... **Code** .....

**Telephone (H):** ..... **Tel (W):** .....

**Fax:** ..... **Cell:** .....

**E-mail:** .....

**Nationality:** .....

**Notes (Afrikaans or English):** .....

**\* Indicate Nearest Venue:**

STUDIESENTRA / STUDY CENTRES (Please mark with X)							
IF OUTSIDE THE BORDERS OF SOUTH AFRICA PLEASE STATE COUNTRY							
EASTERN CAPE		KWAZULU NATAL		LIMPOPO / N. PROV		George	
East London		Durban		Polokwane		Stellenbosch	
Port Elizabeth		MPUMALANGA		NORTHERN CAPE		Worcester	
FREE STATE		Nelspruit		Kimberley		NAMIBIA	
Bloemfontein		Middelburg		Upington		Windhoek	
GAUTENG		NORTH WEST		WESTERN CAPE			
Florida		Klerksdorp		Bellville			
Pretoria				Blouberg			

\* Satellite classes are subject to student numbers per venue. Video / DVD recordings will be issued should student numbers be insufficient.

**Signature:** ..... **Date:** .....